

To: Technology Center: 2634  
Facsimile Number: 571-273-8300

Total Pages Sent: 12

From: Abdul Zindani  
Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972-917-5137

RECEIVED  
CENTRAL FAX CENTER

DEC 09 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Henry S. Eilts, et al.	Docket No.: TI-32977
Serial No.: 10/001,986	Art Unit: 2634
Filed: October 31, 2001	Examiner: Shuwang Liu
Customer No. 23494	Conf. No.: 2814
For: A Computationally Efficient System and Method for Channel Estimation	

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

Marianna Smith  
Marianna Smith

12-9-05  
Date

FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input checked="" type="checkbox"/> AMENDMENT <u>111</u> (10 Pages)
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT <u>        </u> (# Page)
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL <u>        </u> (# Pages)
<input type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> ISSUE FEE (# Pages)
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE) (# Pages)
<input type="checkbox"/> CONTINUATION APP'N (# Pages)	<input checked="" type="checkbox"/> Amendment Fee Trans
<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): Henry S. Eilts, et al.	
TITLE OF INVENTION: A Computationally Efficient System and Method for Channel Estimation	
TI FILE NO.: <b>TI-32977</b>	DEPOSIT ACCT. NO.: <b>20-0668</b>
FAXED: 12/9/2005 DUE: 12/28/2005 ATTY/SECY: AZ/ms	
RECEIPT DATE & SERIAL NO.: <b>Serial No.: 10/001,986</b> <b>Filing Date: October 31, 2001</b>	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265

RECEIVED  
CENTRAL FAX CENTER

DEC 09 2005

U.S. PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL FORM

TI-32977

Attorney Docket No.

In re the Application of

Henry S. Eilts, et al.

Serial No: 10/001,986

Filed: October 31, 2001

Conf. No.: 2814

For: A Computationally Efficient System and Method for Channel Estimation

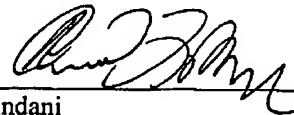
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	37	Minus	39	= 0	x \$50 =	\$ 0
Independent Claims	8	Minus	6	= 2	x \$200 =	\$ 400.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 400.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668. [This form is submitted in duplicate].



Abdul Zindani  
Attorney for Applicant  
Reg. No. 46,091

Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265  
(972) 917-5137

DEC 09 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Henry S. Eilts, et al.      Docket No.: TI-32977  
Serial No: 10/001,986      Filed: October 31, 2001  
Art Unit: 2634      Examiner: Shuwang Liu  
Customer No.: 23494      Conf. No.: 2814  
Title: A Computationally Efficient System and Method for Channel Estimation

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office on

*Marianna Smith* 12-9-05  
Marianna Smith      Date

AMENDMENT PURSUANT TO 37 CFR 1.111

Dear Sir:

This amendment is in response to the Office Action dated November 28, 2005, requiring a corrected status identifier for Claim 38 and having a statutory period for response set to expire on December 28, 2005.

Amendments to Claims begin on page 2.

Remarks/Arguments begin on page 10.

12/13/2005 BABRAH1 00000066 200668 10001986

01 FC:1201 400.00 DA

TI-32977 - 1 -